

128-360

1" x 28 mm heat pump hoses



altecnic

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Introduction

The Altecnic 128-360 hoses are specifically designed for use with heat pumps.

The flexible hoses allow for easy connection between the heat pump and associated equipment whilst reducing vibration to the pipework.

The hoses are supplied with thick weatherproof insulation to reduce heat losses.

The hoses are supplied in pairs.

Construction Details

The hoses have a swivel connection on the heat pump end and a compression joint to connect to the pipework inside or outside of the building.

Threaded connections to BS EN ISO 228-1

Compression ends complying with BS EN 1252-2 for use with R250 (half hard) copper tube.

Product Range

Ref No	Body Style	Connection Union	Connection Compression
128-3601	Straight	1" female	Ø28
128-3602	Angled	1" female	Ø28
128-3603	Straight	1" female	Ø28
128-3604	Angled	1" female	Ø28
128-3605	Straight	1" female	Ø28
128-3606	Angled	1" female </td <td>Ø28</td>	Ø28

Technical Specification

Nominal Size:	DN25
Max. pressure:	10 bar
Max. temperature:	90°C
Threaded ends:	BS EN ISO 228-1
Compression ends:	BS EN 1252-2

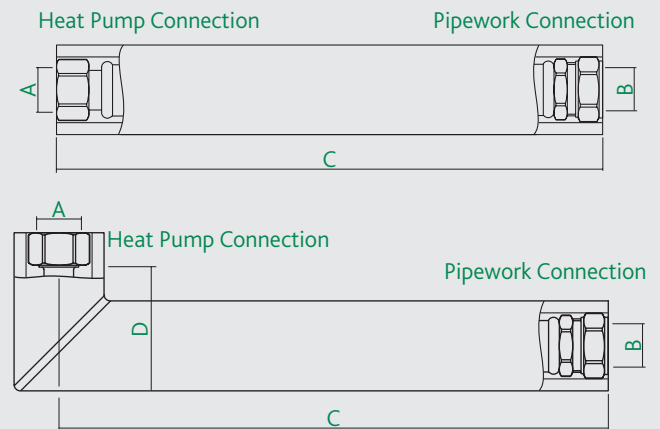
Materials

Flexible hose:	Stainless steel
Crimped sleeve:	Stainless steel
End connections:	Stainless steel
Nut and olive:	Brass
Liner:	EPDM

Insulation

Aeroflex HF	
Inside diameter:	35
Outside diameter:	73
Thickness:	19
Temperature range:	-50 °C to 125 °C
Thermal conductivity	EN ISO 8497 λ 40 °C \leq 0.040 W/(m·K)
Reaction to fire:	BS EN 13501 Class 1
Water vapour diffusion resistance:	EN 1 3469 $\mu \geq$ 3000
UV resistance:	UV Resistant

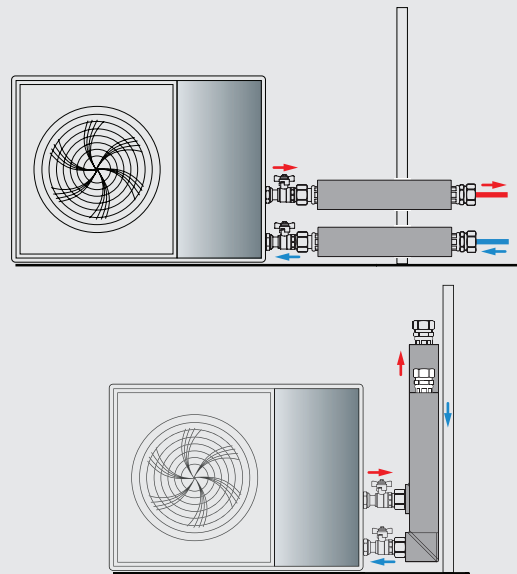
Dimensions



Ref No	A	ØB	C	D
128-3601	G1	28	750	
128-3602	G1	28	750	117.5
128-3603	G1	28	500	
128-3604	G1	28	500	117.5
128-3605	G1	28	300	
128-3606	G1	28	300	117.5

Typical Installations

It is recommended that isolation valves (not supplied) are fitted to the flow and return connections of the heat pump for ease of maintenance



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Registered in England No: 02095101

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AL 503 21-01-25

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